

United States Marine Corps

Road Map



The road to success for

Armorer

MOS: 2111 to 2181



TRAINING AND EDUCATION CONTINUUM

What is a Training and Education (T&E) Continuum?

T&E Continuums were developed to provide a roadmap for the training and education of Marines in their military occupational specialty (MOS). The goal of the T&E Continuum is to develop the best possible Marine, whether it is a first term or career Marine.

What is a T&E MOS Roadmap?

MOS Roadmaps are just what the name implies – a roadmap through the T&E Continuum from Private through MGySgt/SgtMaj - a roadmap to success in the Marine Corps.

Do I have to follow the Roadmap?

Yes and no. The roadmap has four major sub-areas:

- Skill Progression (MOS)
- Common Skills & Professional Military Education (PME)
- Billet Progression & Unit Training
- Voluntary Education (VoEd)

Some of the training is mandatory, for example entry-level training (Boot Camp, MCT, MOS School, etc...). Some may be directed by your chain of command and some is voluntary. We recommend you find a mentor that can help you along the way, or you can seek assistance from your OIC/SNCOIC. Roadmaps are a guide, but as always there are several ways to get where you want to go.

What does the roadmap do for me?

Two things:

1. Provides you a guide to success as a Marine and towards technical mastery.
2. Provides you with an education that will transfer to civilian life when you decide to leave the Marine Corps.

How do I get started?

You already have. All your training up to this

As we mentioned earlier roadmaps have four major sub-areas that we will briefly explain here.

Skills Progression Training is training that will make you a better Marine in your MOS. It is a combination of formal schools, Marine Corps Institute (MCI) courses, National Standard Certification testing, and civilian education that develops your technical proficiency. It is progressive in that you will learn things as you need them and can apply them to your billet and mission.

Common Skills and PME. This is training that makes you a better Marine. PME requirements are already well established in the Marine Corps. It consists of resident courses, MCIs and required reading. The Corporal's Course, Sergeant's Course, etc... are not mandatory, but it is important for your career and growth as a leader to attend. These courses are designed to teach you what you need to know to be a Cpl or Sgt, so you should attend as soon as, or before, you are promoted.

Billet Assignment and Unit Training is hands-on experience; there is no better training. Billet progression provides you with the opportunity to develop by accepting new, more demanding responsibilities and performing new, more difficult tasks. Unit training as prescribed in the Training & Readiness (T&R) manual focuses on the skills you need to accomplish in your MOS that require a collective effort and aids the commander in preparing his unit for combat operations.

Voluntary Education was designed to provide you an uncomplicated way to complete a degree while making you a better Marine. The three major considerations of the VoEd roadmap was class availability (especially while deployed), use of free electives, and education required as you progress in rank and billet assignments.

Private - PFC

— 1st —
Yea

SKILL PROGRESSION TRAINING

(ACE Identifier)

ACE Recommended Credit

- Small Arms Repair Course ⁽¹⁾ (MC-2204-0111) 3 SH
- Gunsmithing
- MCI (2124F) Armory Procedures ⁽¹⁾ (MC-1717-0012) 0 SH

- Enroll Uniformed Services Military Apprenticeship Program USMAP (0372N) 0 SH

COMMON SKILLS TRAINING / PME Recommended Credit

ACE

- Recruit Training ⁽¹⁾ (MC-2204-0088) 4 SH ⁽¹⁾
- PhysFit (2) Marksmanship ⁽¹⁾
- Orienteering
- Marine Combat Training ⁽¹⁾ (MC-2204-0105) 3 SH
- SH Military Skills
- MCI (3420E) Personal Financial Mgmt (MC-1401-0009) 1 SH
- SH Financial Management
- MCI (0210B) Terrorism for Marines (MC-1606-0010) 1 SH
- SH Intro to Terrorism
- Complete Tan Belt Qualification in MCMAP ⁽¹⁾ 0 SH

BILLET ASSIGNMENT / UNIT TRAINING

- Complete Military Advancing Skills Program (MASP) if required
- Read 2 books from Marine Reading List
- Participate in Marine Readiness events established in the Training & Readiness Manual for this specific grade

VOLUNTARY EDUCATION Credit

ACE Recommended

- * English Comp I 3 SH English
- * Arts/Music/Philosophy Elective 3 SH Humanities

* Denotes College Course

⁽¹⁾ Denotes Entry-Level Training

Credit Tally for:

Applied Science "Technical Studies" Associate Degree

Arts and Sciences Electives 30 SH Minimum			Applied Professional
Humanities	Social Sciences/History	Natural Science/Math	30 SH Maximum a.k.a. (Free Electives)
(3) * English Comp I (3) * Arts/Music/Phil Elec			(3) Gunsmithing (2) Marksmanship (1) Orienteering (3) Military Skills (1) Finance (1) Terrorism
(6) Total	(0) Total	(0) Total	(11) Total



2111 Road Map

PFC-LCpl

— 2nd Year —



SKILL PROGRESSION TRAINING

(ACE Identifier)

ACE Recommended Credit

- MCI (2135) Inspection and Repair of M9 SH

(MC-2204-0163)

0

* State and Local Government

3 SH Political Science

- Complete 1000 hours in USMAP

(1000 hours total)

COMMON SKILL TRAINING / PME

ACE

Recommended Credit

- MCI (0033) Fundamentals of M.C. Ldrshp (MC-1406-0023) 1 SH
Supervisory management

- MCI (3316E) Basic Nutrition (MC-1729-0041)

1 SH Nutrition

- Complete Gray Belt Qualification in MCMAP 0 SH

- Read 2 books from Marine Reading List

BILLET ASSIGNMENT / UNIT TRAINING

- Armorer with Division, Wing or FSSG unit

- Lance Corporals may apply for Marine Security Guard (MSG) duty as a "watch stander"

- Unit training should focus on the collective events established in the Training & Readiness

Manual for this specific grade

VOLUNTARY EDUCATION

ACE Recommended Credit

* Speech 101

3 SH Oral

Communications

* College Algebra

3 SH Math

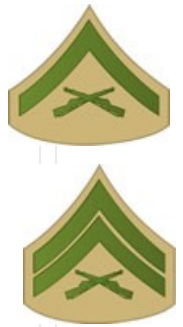
Credit Tally for:

Applied Science "Technical Studies" Associate Degree

Arts and Sciences Electives 30 SH Minimum			Applied Professional
Humanities	Social Sciences/History	Natural Science/Math	30 SH Maximum a.k.a. (Free Electives)
(3) * English Comp I (3) * Arts/Music/Phil Elec (3) * Speech 101	(3) * Political Science	(3) * College Algebra	(3) Gunsmithing (2) Marksmanship (1) Orienteering (3) Military Skills (1) Finance (1) Terrorism (1) Supervisory Management (1) Nutrition
(9) Total	(3) Total	(3) Total	(13) Total

2111 Road Map

LCpl-Cpl



—3rd Year—

SKILL PROGRESSION TRAINING

(ACE Identifier)

ACE Recommended Credit

* Physical Security

3 SH Criminal Justice

- MCI (0410B) MIMMS

(MC-1717-0011)

0 SH

- Complete an additional 1000 hours in USMAP total)

(2000 hours

COMMON SKILLS TRAINING / PME

ACE

Recommended Credit

- Complete the Corporal's Course (Resident)

(MC-1405-0051)

4

SH (3) Management (1) Mil Stud

- MCI (3422A) Basic Pay and Allowances

(MC-1401-0016)

1

SH Finance

- MCI (001A) Principles Instruction f/NCOs

(MC-1406-0028)

3 SH

Instructional Methodology

- Complete Green Belt Qualification in USMAP

0 SH

- Read 2 books Division Winter Reading List

- Lance Corporals and Corporals may apply for MSG duty as a "watch stander"

- Unit training should focus on the collective events established in the Training &

Readiness Manual for this specific grade

VOLUNTARY EDUCATION

ACE Recommended

Credit

* Computer Science

3 SH Computer Science

* US History I

3 SH History

* US History II

3 SH History

Credit Tally for:

Applied Science "Technical Science" Associate Degree

Arts and Sciences Electives 30 SH Minimum			Applied Professional	
Humanities	Social Sciences/History	Natural Science/Math	30 SH Maximum a.k.a. (Free Electives)	
(3) * English Comp I (3) * Arts/Music/Phil (3) * Speech 101	(3) * Political Science (3) * US History I (3) * US History II	(3) * College Algebra	(3) Gunsmithing (2) Marksmanship (1) Orienteering (3) Military Skills (1) Finance (1) Terrorism (1) Supervisory Mgmt	(1) Nutrition (3) * Criminal Justice (3) Management (1) Military Studies (1) Finance (3) Instructional Methods (3) * Computer Science
(9) Total	(9) Total	(3) Total	(27) Total	

2111 Road Map

Cpl - Sgt

4th Year



SKILL PROGRESSION TRAINING

(ACE Identifier)

ACE Recommended Credit

* Basic Forensic Science

3 SH Biology

- Complete an additional 1000 hours in USMAP total)

(3000 hours

COMMON SKILLS TRAINING / PME

ACE Recommended

Credit

- MCI (8010) Sergeant's Dist Educ Prog
(2) Mgmt (1) Lang

(MC-2204-0127) 8 SH (5) Mil Science,

- MCI (0201) Intel Brief: Southwest Asia
International Studies

(MC-1511-0001) 2 SH

- Complete Green Belt Instructor Course

(MC-1406-0048) 3 SH

Martial Arts Instruction

BILLET ASSIGNMENT / UNIT TRAINING

- Read 2 books from the Marine Reading List

- Armorer with Division, Wing, FSSC or 1st Unit
- Sergeants may apply for MSG, Drill Instructor, Recruiter or Formal School Instructor (check

the ACE guide for recommended college credits for these specific special duty billets)

- Unit training should focus on the collective events established in the Training &

Readiness Manual for this specific grade

ACE Recommended

Credit

* Psychology 101

3 SH Psychology

* Physical Science w/Lab

3 SH

Physical Science

* Arts/Humanities Elective

3 SH

Humanities

Credit Tally for:

Applied Science "Technical Studies" Associate Degree

Arts and Sciences Electives 30 SH Minimum			Applied Professional	
Humanities	Social Sciences/History	Natural Science/Math	30 SH Maximum a.k.a. (Free Electives)	
(3) * English Comp I (3) * Arts/Music/Phil (3) * Speech 101 (1) Language (3) * Arts/Humanities	(3) * Political Science (3) * US History I (3) * US History II (2) International Studies (3) * Psychology	(3) * College Algebra (3) * Biology (4) * Physical Science	(3) Gunsmithing (2) Marksmanship (1) Orienteering (3) Military Skills (1) Finance (1) Terrorism (1) Supervisory Management (1) Nutrition (3) * Criminal Justice	(3) Management (1) Military Studies (1) Finance (3) Instructional Methodology (3) * Computer Science (5) Military Science (2) Management (3) Martial Arts Instruction
(13) Total	(14) Total	(10) Total	(37) Total	

****This completes the requirement for an Associates in Applied Science/Liberal Arts as prescribed by a SOCMAR School****

2111 Road Map

5th-7th

Sergeant



Year

SKILL PROGRESSION TRAINING

(ACE Identifier)

ACE

Recommended Credit

- Ground Ordnance Supervisor's Course

(MC-2204-0110)

3 SH

Gunsmithing

- MCI (0414A) Grnd Maint Mgmt f/Supers

(MC-1717-0010) 1 SH

Management

- Complete remaining 1000 hours in USMAP (4000 hours total)

Recommended Credit **Education Office to finalize apprenticeship**

Attend the Sergeant's Course (Resident)

(MC-2204-0103)

5 SH (2)

Ldrshp, (3) Mil History

- MCI (7100) SNCO Career DEP

(MC-2204-0139)

4 SH (3) Mil Science

(1) Ldrshp

- MCI (0342G) Operations/Guerrilla Units

(MC-2204-0133)

3 SH

Military Science

- MCI (0335C) Infantry Patrolling

(MC-2204-0136)

1 SH Physical

Education

- MCI (8017) Weapons

(MC-2204-0132)

0 SH

- Complete Bro Div/Block Bldg QES/SC and In MC MAP

0 SH

- Sergeant's Course for MCI Marine Instructor or Formal School

Instructor

(check the ACE guide for recommended college credits for these specific special duty billets)

- Unit training should focus on the collective events established in the

TRAINING & EDUCATION

ACE Recommended

Credit Manual for this specific grade

* Educational Psychology

3 SH

Psychology

* Pre-calculus

3 SH

Mathematics

* History Elective

3 UL SH History

* Logistics Engineering

3 UL SH Logistics

* Principles of Management

3 UL SH

Management

Bachelor of Science/Liberal Arts Degree

Credit Tally for:

Arts and Sciences Electives 60 SH Minimum (21 Upper Level)			Applied Professional 60 SH Maximum (9 Upper Level) a.k.a. (Free Electives)	
Humanities	Social Sciences/History	Natural Science/Math		
(3) * English Comp I (3) * Arts/Music/Phil (3) * Speech 101 (1) Language (3) * Arts/Humanities	(3) * Political Science (3) * US History I (3) * US History II (2) International Studies (3) * Psychology (3) * Edu Psychology (3) * UL History (3) * UL Psychology	(3) * College Algebra (3) * Biology (4) * Physical Science (3) * Pre-Calculus	(3) Gunsmithing (2) Marksmanship (1) Orienteering (3) Military Skills (1) Finance (1) Terrorism (1) Supervisory Management (1) Nutrition (3) * Criminal Justice (3) Management (1) Military Studies (1) Finance (3) Instruct Methods	(3) * Computer Science (1) Management (5) Military Science (2) Management (1) Finance (3) Martial Arts Instruction (3) Gunsmithing (1) Management (2) Leadership (3) Military History (3) Military Science (1) Leadership (3) Military Science (3) * UL Logistics (3) * UL Management
(13) Total	(23) Total	(13) Total	(61) Total	

2117 Road Map

Staff Sergeant

8th-13th
Year



SKILL PROGRESSION TRAINING

(ACE Identifier)

ACE

Recommended Credit

- MCI (2100) Advanced Supervisor's Course
- MCI (345C) Logistics/Embark Specialist

Yet to be developed

(MC-1408-0030) 1 SH Records

COMMON SKILLS TRAINING / PME

ACE

Recommended Credit

- Attend SNCO Career Course (Resident)
- SH (6) Mil Stud, (2) Ldrshp

(MC-2204-0074)

9

(1) Physical Fitness

- MCI (8200) SNCO Advanced DEP (MC-2204-0142) 3 SH Military Science

BUDGET FORMULATION

(MC-1401-0011)

1

SH Finance Chief with Division, Wing, FSSG or I&I unit

- Staff Sergeant may apply from MSE, Drill Instructor, Rec School Instructor

(check the ACE guide for recommended college credits for these specific special duty billets)

- Unit training should focus on the collective events established in the

VOLUNTARY EDUCATION

ACE Recommended Credit

- Apply for Degree Completion Program and/or continue with the following courses:

* Natural Science Elective

3 SH UL Natural

* Social Sciences Elective

3 SH UL Social

* History Elective

3 UL SH History

* Humanities Elective

3 UL SH Humanities

* Ethics

3 UL SH Humanities

* Logistics Management

3 UL SH Logistics

* Management Elective

3 UL SH Management

Credit Tally for:

Bachelor of Science/Liberal Arts Degree

Arts and Sciences Electives 60 SH Minimum (21 Upper Level)			Applied Professional 60 SH Maximum (9 Upper Level) a.k.a. (Free Electives)		
Humanities	Social Sciences/History	Natural Science/Math			
(3) * English Comp I (3) * Arts/Music/Phil (3) * Speech 101 (1) Language (3) * Arts/Humaniti (3) * UL Humanities (3) * UL Ethics	(3) * Political Science (3) * US History I (3) * US History II (2) Internat Studies (3) * Psychology (3) * Edu Psychology (3) * UL History (3) * UL Psychology (3) * UL Soc Science (3) * UL History	(3) * College Algebra (3) * Biology (4) * Physical Science (3) * Pre-Calculus (3) * UL Nat Science	(3) Gunsmithing (2) Marksmanship (1) Orienteering (3) Military Skills (1) Finance (1) Terrorism (1) Super Mgmt (1) Nutrition (3) * Criminal Just (3) Management (1) Military Studies (1) Finance	(3) Instruct Methods (3) * Comp Sci (1) Management (5) Mil Science (2) Management (1) Finance (3) Martial Arts (3) Gunsmithing (1) Management (2) Leadership (3) Mil History	(3) Mil Science (1) Leadership (3) * UL Logistics (3) * UL Mgmt (1) Records Mgmt (6) Mil Studies (2) Leadership (3) Mil Science (1) Finance (3) * UL Logistics (3) * UL Mgmt
(19) Total	(29) Total	(16) Total	(77) Total		

****This completes the requirements for a Bachelor of Science/Liberal Arts as prescribed by a SOCMAR school****

2117 Road Map

Gunnery Sergeant



13th-18th

Year

SKILL PROGRESSION TRAINING

ACE Recommended Credit

- Attend Ground Ordnance Chief's Course

(ACE Identifier)

(MC-1717-0008)

3

UL SH Maint Management

COMMON SKILLS TRAINING / PME

ACE Recommended

Credit

- Attend the SNCO Advanced Course

(MC-2204-0076)

13 SH (7)

Mil Science (3) Ldrshp

(2) Phys Fit (1) Public Speaking

- MCI (7400) War fighting Skills (DEP)

(MC-2204-0112)

2 SH

Military Studies

Read 2 books per year in the the Marine Reading List

BILLET ASSIGNMENT / UNIT TRAINING

- Maintenance Chief with Division, Wing, FSSG, or I&I unit

- Gunnery Sergeants may apply for MSG, Drill Instructor, Recruiter or Formal School Instructor

(check the ACE guide for recommended college credits for these specific special duty billets)

- Unit training should focus on the collective events established in the Training & Readiness Manual for this specific grade

VOLUNTARY EDUCATION

ACE Recommended Credit

- Listed below are the requirements for a Masters of Science in "Management" degree:

-This roadmap has provided the foundation for entry into a Master's Degree Program, this

particular program is available on-line with two weekend residency requirements.

- Recommend application to an Advanced Degree Completion program, however, if not selected,

this degree program offers the greatest flexibility that we have found.

* Organizational Theory and Behavior Management

6 GL SH

* Human Resource Management

3 GL SH Management

* Economic Issues in Organizations

3 GL SH Management

* Organizational Research

3 GL SH

Management

* Organizational Management and Leadership I

3 GL SH

Management

* Organizational Management and Leadership II

3 GL SH

Management

* Finance and Accounting for Managers

3 GL SH

Management

* Professional Leadership Development I (residency)

1 GL SH

Management

* Professional Leadership Development II (residency)

1 GL SH

Management

****This completes the requirements for a Masters of Science in Management as prescribed by a SOCMAR School****

Master Sergeant



19th-22nd Year

SKILL PROGRESSION TRAINING

(ACE Identifier)

ACE

Recommended Credit

- Attend Marine Corps Logistics Education Program (MCLEP)

COMMON SKILLS TRAINING / PME

ACE

Recommended Credit

- Attend the 1stSgt & MSgt seminar
- MCI (8510) Amphibious Warfare School (DEP) Phase I 5 SH (3) Mil Stud (2) Mgmt (MC-2204-0113)
- MCI (8600) Amphibious Warfare School (DEP) Phase II 5 SH UL (3) Mil Stud (2) Mgmt (MC-2204-0114)
- Read 2 books per year from the Marine Reading List

BILLET ASSIGNMENT / UNIT TRAINING

- Ordnance Chief with FSSG, I&I, SOI, Recruit or Logistics Depots
- Special Duty recommendations: Senior Marine Instructor/Chief Instructor at a formal school, Maintenance Analyst at Marine Corps Logistics Chain Analysis Team, Production Chief at MCCDC or serve as the Occupational Field Monitor
- Unit training should focus on the collective events established in the Training & Readiness Manual for this specific grade

VOLUNTARY EDUCATION

ACE Recommended Credit

- Continue to apply for Advanced Degree Completion and/or continue to pursue masters degree

2181 Road Map

Master Gunnery Sergeant



SKILL PROGRESSION TRAINING Recommended Credit

ACE

COMMON SKILLS TRAINING / PME ACE Recommended Credit

(ACE Identifier)

- Attend the SgtMaj & MGySgt Symposium
- Attend Russell Leadership Conference
- MCI (8800) Command & Staff College (DEP) 18 SH UL/GL (3) International Rel

(MC-1408-0025)

(3) Mil Stud (3)

Org Mgmt

(3) Theory of War (3) GL Mil
(3) GL National Security

History

- Read 2 books per year from the Marine Reading List

BILLET ASSIGNMENT / UNIT TRAINING

- Ordnance Chief with MEF, FSSG, Division, FMF Pacific or Atlantic
- Special Duty recommendations: Joint Tour
- Unit training should focus on the collective events established in the Training &

Readiness Manual for this specific grade

VOLUNTARY EDUCATION

- Continue to apply for Advanced Degree Completion and/or continue to pursue masters degree

2181 Road Map

NOTES FOR READING THE ROADMAP

General Information

1. Formal Military Schools and MCIs are listed in "BLACK".

2. Lower Level college courses (Freshmen/Sophomore) are listed in "BLUE".

3. Upper level (UL) college courses (Junior/Senior) are listed in Green.

4. American Council on Education (ACE) identifiers gives college and career counselors a reference to validate the recommended credits. The credits listed in this roadmap are current as of 16 January 2004. Updates to these can be found on-line at:

<http://www.militaryguides.acenet.edu>

Skill Progression

1. In addition to MCIs, and Formal MOS schools, certain MOSs can pass national certification testing: National Institute of Metallurgical Society (NIMS) for machinists, Students Excelling through National Standards of Excellence (SENSE) for welders, Automotive Service Excellence (ASE) for mechanics and technicians, etc...

2. Uniformed Services Military Apprenticeship Program (USMAP) is available to most active duty MOSs and is certified by the U.S. Department of Labor. This would qualify you as a journeyman apprentice which could mean a significantly higher starting salary in the civilian work force.

Common Skills/PME

1. This area covers training which is common to all Marines.

Billet Assignment/Unit Training

1. At division assignments you'll be conducting organizational level maintenance and this will give you a good feel for what it takes to fix equipment with limited time and resources.

2. At FSSG and wing assignments you'll

Voluntary Education

1. The voluntary education listed in the roadmap refers specifically to taking college level courses (MCIs and some PME are also "voluntary").

2. The degree program selected in the roadmap is just an example of one you could pursue. Many others are available through the SOCMAR network and can be found at:

<http://www.soc.aascu.org/socmar/HandbookKM.html>

In selecting the degree program for each MOS, lots of things were taken into consideration (i.e. availability of courses on-line, residency requirements, or other types of correspondence, campus locations, allowable credit transfers from non-traditional learning such as testing (CLEP/DANTES), and experiential learning.

3. Testing can replace the requirement to attend most of the college courses listed in the roadmap. Base education centers offer CLEP and DANTES tests for active duty military at no cost. Study guides for testing for most of the courses are also available at the education centers.

4. ASE exams are also available at the education centers. DANTES will pay for active duty military to take 3 exams per semi-annual year (every 6 months). The tests are offered in the spring and fall of every year and do require, at present, a \$31.00 non-refundable registration fee. ASE exams require documentation of two years experience working in the automotive industry. (LAV, Tank, AAV, engineer, and MT mechanics usually fall in this category and USMAP can help to document this experience).

5. Tuition assistance (T/A) currently pays for 100% of college course tuition. Students must pay for books and study guides. Tuition rates at most community colleges are much cheaper than for 4 year universities. You should consider taking most of your lower level courses through them as it saves the Marine Corps a tremendous amount of money which can